1: Drew G-3 (1862-1872) 1875 AV1 Kashmir AV1

farther back in the mountains, in the second or third ridge; they drain a larger area, and are subject to sudden falls of rain; such water-courses will in certain seasons be filled for a time by a wide and swift river, discoloured with red mud in suspension, carrying down in this way, as well as by dragging sand along the bottom, large quantities of material from the hills to the lower grounds and to the sea.

These ravines[1] are from a few hundred yards to a mile wide; they are bounded by a sudden bank, often cut into a river cliff of a hundred feet in height that shows to view the sandy and loamy strata. Their flat bottom is mostly sandy; it is sometimes covered in part with the long tufty jungle-grass called in these parts *khar*.

The plateaus between these ravines,[1] though, as before said, somewhat dry, have in great part been brought under cultivation; here, as the crops depend entirely on the rain, their yield varies much with the years.

The tracts where the jungle-grass abounds are frequented by the black-buck or antelope, which indeed, encouraged by the game-laws of the country,[2] spread into the cultivated parts and even herd with the cattle. Near these grassy tracts the villages are composed of pretty thatch-roofed houses; in India straw is never afforded for the purpose of thatching, it is all used as food for the cattle; indeed from the way the treading out the corn on the threshing-floor is carried on no whole straw is left, so it is only where some such material as that stiff grass can be got from the jungles that any thatching is done.

The 70-mile strip of plain extending from the Rāvī to the Chīnāb is crossed by two large streams that deserve separate mention. These are the Ujh, that debouches by Jasrota, and the Tavī, that comes out of the hills by Jummoo. They are both rivers of perpetual flow and considerable, though much-varying, volume. They rise in the mountains at the back of the Outer Hills at an elevation of 13,000 or 14,000 feet, but not from hills of permanent snow; they have a course among the hills, the Ujh of some 50 and the Tavī of 80 miles, before they reach the

[1] [i.e. in the plains of SOUTHERN JAMMU. -- ANALYST]

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243 after this a little rain is waited for, that the earth may crumble and become fit for watering and putting in the rice.

246 Among these mountains the months of winter, with snow deep on the ground, make it necessary for the peasant to lay in a good store of fodder for his cattle. Nowhere do the natives of India or the Himalayas seem to have learnt the advantages of making a large rick. Perhaps the holdings are too small, and co-operation in such a matter has not been arranged. In the neighbourhood we now are in they have two or three methods of storing the grass, which itself is plentiful on the slopes in summer. Sometimes they fix a series of poles upright in the ground in one line, and make a rough thatch over a ridge-pole at top, and then pile up the grass between and around the sticks. Another plan is to twist the grass into a loose rope and throw this over the forks of trees, where, hanging down, it is uninjured by the snow that falls, and is easily pulled off when wanted for use.

361 The town of Bhadarwâh is a busy, and, for such a hill country,
342 a comparatively large place. I estimate that there are 600 or 700 houses, and about 3000 inhabitants. It is built almost entirely of deodar wood; the frame-work of the houses is altogether of wood; only between the double plank-walls the spaces are filled in with stones, sometimes laid loose and sometimes cemented with mud; most of the houses have a sloped shingle-roof. There is a curious plan of building up pillars for the corners, and sometimes for the middle supports, of the houses and the temples. Square slabs of wood a few inches thick are placed upright in pairs, one pair being surmounted by another at right angles, and so on alternately.

361 Bhadarwâh has an open market-place, a long straight street
[366] leading to the Fort, two or three other bazaars, two mosques, and a large temple. The waters of one of the streams come through the very middle of the town, and branches from it are brought through all the streets. Both in among the buildings and all round the place fruit-trees are growing—apple, pear, mulberry, apricot, and cherry, and there are poplars, and a few chînâr or plane trees.